

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47J31/46 A47J31/52 F16K11/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47J F16K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/100227 A (BROUWER GUSTAAF FRANS ; LEE DE NV SARA (NL)) 19 December 2002 (2002-12-19) abstract figures 2A,2B page 3, line 29 - page 5, line 26 page 7, line 24 - page 12, line 18 -----	1
A	DE 202 18 121 U (VOLLMER RUDOLF) 27 March 2003 (2003-03-27) the whole document -----	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

5 October 2004

Date of mailing of the international search report

18/10/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

IB2004/051198

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 02100227	A	19-12-2002	NL	1018247 C2	10-12-2002
			EP	1404202 A1	07-04-2004
			WO	02100227 A1	19-12-2002
DE 20218121	U	27-03-2003	DE	20218121 U1	27-03-2003
			EP	1422351 A1	26-05-2004